Nuclear Instruments and Methods in Physics Research A 366 (1995) 418–424

ELSEVIER

NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH Section A

Author index

Abe, K., M. Abe, H. Akaishi, Y. Arai, M. Asai, Y. Asano, A. Ebata, T. Fukui, W. Higashioka, Y. Hoshi, H. Iwasaki, S. Kabe, N. Khalatyan, H. Kawasaki, R. Kikuchi, A. Kimura, M. Kimura, H. Lubatti, K. Mitsuhashi, S. Mori, T. Nagamine, M. Nomachi, H. Ohyama, H. Sakamoto, O. Sasaki, M. Shioden, F. Suekane, Y. Tahara, S. Terada, J. Yajima, H. Yuta and T. Zhao, Beam tests of the prototype level-1 trigger system and drift tubes with field-shapers proposed for the SDC barrel muon system . . . 366 (1995) 310
Abe, M., see Abe, K. . . . 366 (1995) 310
Adams, M., N. Amos, D.A. Averill, P. Baringer, M. Chung, F. Hsieh, H. Li, D. Lincoln, S. Margulies, H. Neal, E. Neis, L. Oesch, J. Qian, M. Rijssenbeek and T. Yasuda, A detailed study of plastic scintillating strips with axial wavelength shifting fiber and VLPC readout . . . 366 (1995) 263
Adriani, O., see Braunschweig, W. . . . 366 (1995) 236
Agrawal, H.M. and R. Pepelnik, Determination of the mean neutron energy using the Zr/Nb and the Ni method . . 366 (1995) 349
Akaishi, H., see Abe, K. . . . 366 (1995) 310
Alpat, B., see Braunschweig, W. . . . 366 (1995) 236
Amos, N., see Adams, M. . . . 366 (1995) 263
Antičić, T., see Braunschweig, W. . . . 366 (1995) 236
Antoniou, A., see Kwok, H.L. . . . 366 (1995) 372
Aoki, M., K. Watanabe, Y. Watanabe, R. Itoh and H. Ozaki, Sensitivity to the CP-violation parameter ϕ_2 at a B factory . . . 366 (1995) 85
Arai, Y., see Abe, K. . . . 366 (1995) 310
Arcioni, P., see De Santis, S. . . . 366 (1995) 53
Artiomov, A.S., Peculiarities of the nucleus-internal target interaction at the Nuclotron . . . 366 (1995) 254
Asai, M., see Abe, K. . . . 366 (1995) 310
Asano, Y., see Abe, K. . . . 366 (1995) 310
Averill, D.A., see Adams, M. . . . 366 (1995) 263
Awaya, Y., see Mizogawa, T. . . . 366 (1995) 129

Baba, M., S. Matsuyama, M. Ishikawa, S. Chiba, T. Sakase and N. Hirakawa, Correction of double-differential neutron emission data for sample-dependent effects . . . 366 (1995) 354
Babu, B.R.S., see Skakkeeb, P.P. . . . 366 (1995) 320
Bae, Y.D., see Bak, H.I. . . . 366 (1995) 332
Bak, H.I., Y.D. Bae, M.S. Kim and H.D. Choi, Peak energy shift dependent on source position in γ-ray energy measurement by using a closed-ended coaxial HPGe detector . . . 366 (1995) 332
Balboni, C., see Braunschweig, W. . . . 366 (1995) 236
Barbashin, V.M., S.N. Chumakov, G. Ciullo, N.S. Dikansky, G. Lamanna, P. Lenisa, V.V. Parkhomchuk, A.N. Sharapa, A.V. Shemyakin and L. Tecchio, Prototype of an electron cooling device without bending magnets . . . 366 (1995) 215
Baringer, P., see Adams, M. . . . 366 (1995) 263
Battiston, R., see Braunschweig, W. . . . 366 (1995) 236
Bergstrom, J.C., see Vogt, J.M. . . . 366 (1995) 100
Bernard, D. and A.E. Specka, On triple focusing dipole magnets . . . 366 (1995) 43
Biagi, S.F., J. Bordas, D. Duxbury, E. Gabathuler, T.J. Jones and S. Kiourkos, First experimental results from a microdot gas avalanche detector integrated onto a silicon wafer . . . 366 (1995) 76
Biegel, J., see Coakley, K.J. . . . 366 (1995) 137
Bimbot, L., see Tomasi-Gustafsson, E. . . . 366 (1995) 96
Biscardi, R., S.L. Kramer and G. Ramirez, Bunch length control in the NSLS VUV ring . . . 366 (1995) 26
Boivin, M., see Tomasi-Gustafsson, E. . . . 366 (1995) 96
Boni, R., see De Santis, S. . . . 366 (1995) 53
Bordas, J., see Biagi, S.F. . . . 366 (1995) 76
Boyard, J.L., see Tomasi-Gustafsson, E. . . . 366 (1995) 96
Braunschweig, W., O. Syben, M. Toporowsky, F. Tenbusch, B. Wittmer, O. Adriani, C. Balboni, G. Castellini, T. Antičić, C.-Y. Chien, A. Pevsner, W. Spangler, Y.-H. Chang, A.E. Chen, S.R. Hou, K.T. Huang, W.T. Lin, B. Alpat, R. Battiston, E. Fiandrini, C. Gingu, M. Ionica, P. Laricia, O. Toker, P. Laurikainen, R. Orava, R. Ostonen and K. Spatiotis, Beam test results on Si and GaAs microstrip detectors with length up to 64 cm . . . 366 (1995) 236

0168-9002/95/$09.50 © 1995 Elsevier Science B.V. All rights reserved

Nuclear Instruments and Methods in Physics Research A 366 (1995) 418–424

ELSEVIER

NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH Section A

Author index

Abe, K., M. Abe, H. Akaishi, Y. Arai, M. Asai, Y. Asano, A. Ebata, T. Fukui, W. Higashioka, Y. Hoshi, H. Iwasaki, S. Kabe, N. Khalatyan, H. Kawasaki, R. Kikuchi, A. Kimura, M. Kimura, H. Lubatti, K. Mitsuhashi, S. Mori, T. Nagamine, M. Nomachi, H. Ohyama, H. Sakamoto, O. Sasaki, M. Shioden, F. Suekane, Y. Tahara, S. Terada, J. Yajima, H. Yuta and T. Zhao, Beam tests of the prototype level-1 trigger system and drift tubes with field-shapers proposed for the SDC barrel muon system . . . 366 (1995) 310
Abe, M., see Abe, K. . . . 366 (1995) 310
Adams, M., N. Amos, D.A. Averill, P. Baringer, M. Chung, F. Hsieh, H. Li, D. Lincoln, S. Margulies, H. Neal, E. Neis, L. Oesch, J. Qian, M. Rijssenbeek and T. Yasuda, A detailed study of plastic scintillating strips with axial wavelength shifting fiber and VLPC readout . . . 366 (1995) 263
Adriani, O., see Braunschweig, W. . . . 366 (1995) 236
Agrawal, H.M. and R. Pepelnik, Determination of the mean neutron energy using the Zr/Nb and the Ni method . . 366 (1995) 349
Akaishi, H., see Abe, K. . . . 366 (1995) 310
Alpat, B., see Braunschweig, W. . . . 366 (1995) 236
Amos, N., see Adams, M. . . . 366 (1995) 263
Antičić, T., see Braunschweig, W. . . . 366 (1995) 236
Antoniou, A., see Kwok, H.L. . . . 366 (1995) 372
Aoki, M., K. Watanabe, Y. Watanabe, R. Itoh and H. Ozaki, Sensitivity to the CP-violation parameter ϕ_2 at a B factory . . . 366 (1995) 85
Arai, Y., see Abe, K. . . . 366 (1995) 310
Arcioni, P., see De Santis, S. . . . 366 (1995) 53
Artiomov, A.S., Peculiarities of the nucleus-internal target interaction at the Nuclotron . . . 366 (1995) 254
Asai, M., see Abe, K. . . . 366 (1995) 310
Asano, Y., see Abe, K. . . . 366 (1995) 310
Averill, D.A., see Adams, M. . . . 366 (1995) 263
Awaya, Y., see Mizogawa, T. . . . 366 (1995) 129

Baba, M., S. Matsuyama, M. Ishikawa, S. Chiba, T. Sakase and N. Hirakawa, Correction of double-differential neutron emission data for sample-dependent effects . . . 366 (1995) 354
Babu, B.R.S., see Skakkeeb, P.P. . . . 366 (1995) 320
Bae, Y.D., see Bak, H.I. . . . 366 (1995) 332
Bak, H.I., Y.D. Bae, M.S. Kim and H.D. Choi, Peak energy shift dependent on source position in γ-ray energy measurement by using a closed-ended coaxial HPGe detector . . . 366 (1995) 332
Balboni, C., see Braunschweig, W. . . . 366 (1995) 236
Barbashin, V.M., S.N. Chumakov, G. Ciullo, N.S. Dikansky, G. Lamanna, P. Lenisa, V.V. Parkhomchuk, A.N. Sharapa, A.V. Shemyakin and L. Tecchio, Prototype of an electron cooling device without bending magnets . . . 366 (1995) 215
Baringer, P., see Adams, M. . . . 366 (1995) 263
Battiston, R., see Braunschweig, W. . . . 366 (1995) 236
Bergstrom, J.C., see Vogt, J.M. . . . 366 (1995) 100
Bernard, D. and A.E. Specka, On triple focusing dipole magnets . . . 366 (1995) 43
Biagi, S.F., J. Bordas, D. Duxbury, E. Gabathuler, T.J. Jones and S. Kiourkos, First experimental results from a microdot gas avalanche detector integrated onto a silicon wafer . . . 366 (1995) 76
Biegel, J., see Coakley, K.J. . . . 366 (1995) 137
Bimbot, L., see Tomasi-Gustafsson, E. . . . 366 (1995) 96
Biscardi, R., S.L. Kramer and G. Ramirez, Bunch length control in the NSLS VUV ring . . . 366 (1995) 26
Boivin, M., see Tomasi-Gustafsson, E. . . . 366 (1995) 96
Boni, R., see De Santis, S. . . . 366 (1995) 53
Bordas, J., see Biagi, S.F. . . . 366 (1995) 76
Boyard, J.L., see Tomasi-Gustafsson, E. . . . 366 (1995) 96
Braunschweig, W., O. Syben, M. Toporowsky, F. Tenbusch, B. Wittmer, O. Adriani, C. Balboni, G. Castellini, T. Antičić, C.-Y. Chien, A. Pevsner, W. Spangler, Y.-H. Chang, A.E. Chen, S.R. Hou, K.T. Huang, W.T. Lin, B. Alpat, R. Battiston, E. Fiandrini, C. Gingu, M. Ionica, P. Laricia, O. Toker, P. Laurikainen, R. Orava, R. Ostonen and K. Spatiotis, Beam test results on Si and GaAs microstrip detectors with length up to 64 cm . . . 366 (1995) 236

0168-9002/95/$09.50 © 1995 Elsevier Science B.V. All rights reserved

Breskin, A., see Buzulutskov, A. . . . 366 (1995) 410
Bui, V., Y. Sheh, R. Finn, L. Francesconi, S. Cai, D. Schlyer and B. Wieland, Electroplated targets for production of unique PET radionuclides . . . 366 (1995) 415
Burke, M., see Marsh, J.W. . . . 366 (1995) 340
Burrows, D.N., see Kraft, R.P. . . . 366 (1995) 192
Buzulutskov, A., A. Breskin and R. Chechik, Heat enhancement of the photoyield from CsI, NaI and CuI photocathodes . . . 366 (1995) 410

Cai, S., see Bui, V. . . . 366 (1995) 415
Carlé, P., J. Jeansson and A. Nilsson, Magnet alignment and survey in CRYRING . . . 366 (1995) 31
Castellini, G., see Braunschweig, W. . . . 366 (1995) 236
Chang, Y.-H., see Braunschweig, W. . . . 366 (1995) 236
Chechik, R., see Buzulutskov, A. . . . 366 (1995) 410
Chen, A.E., see Braunschweig, W. . . . 366 (1995) 236
Chen, L., see Kwok, H.L. . . . 366 (1995) 372
Cheng, Z., see Lu, C. . . . 366 (1995) 60
Chiba, S., see Baba, M. . . . 366 (1995) 354
Chien, C.-Y., see Braunschweig, W. . . . 366 (1995) 236
Choi, H.D., see Bak, H.I. . . . 366 (1995) 332
Chumakov, S.N., see Barbashin, V.M. . . . 366 (1995) 215
Chung, M., see Adams, M. . . . 366 (1995) 263
Cinti, M.N., see Costa, E. . . . 366 (1995) 161
Ciullo, G., see Barbashin, V.M. . . . 366 (1995) 215
Coakley, K.J., R.G. Downing, G.P. Lamaze, H.C. Hofsäss, J. Biegel and C. Ronning, Modeling detector response for neutron depth profiling . . . 366 (1995) 137
Coccia, E. and V. Fafone, Noise attenuators for gravitational wave experiments . . . 366 (1995) 395
Costa, E., M.N. Cinti, M. Feroci, G. Matt and M. Rapisarda, Design of a scattering polarimeter for hard X-ray astronomy . . . 366 (1995) 161

Davis, R.W., see Ebrahim, N.A. . . . 366 (1995) 207
De Santis, S., G. Gerosa, L. Palumbo, P. Arcioni, L. Perregrini, R. Boni, A. Gallo, F. Marcellini, M. Migliorati and B. Spataro, Evaluation of the beam-coupling impedances of the DAΦNE cavity: numerical and analytical results . . . 366 (1995) 53
Delbar, T., see Michotte, C. . . . 366 (1995) 155
Dikansky, N.S., see Barbashin, V.M. . . . 366 (1995) 215
Djalali, C., see Tomasi-Gustafsson, E. . . . 366 (1995) 96
Downing, R.G., see Coakley, K.J. . . . 366 (1995) 137
Duxbury, D., see Biagi, S.F. . . . 366 (1995) 76

Ebata, A., see Abe, K. . . . 366 (1995) 310
Ebrahim, N.A., R.W. Davis and J.F. Mouris, A short-pulse electron linear accelerator for laser driven particle acceleration research . . . 366 (1995) 207
Eppley, K., see Palmer, R.B. . . . 366 (1995) 1
Erlandsson, B., see Wiebert, A. . . . 366 (1995) 17
Eyrich, W., see Hauffe, J. . . . 366 (1995) 79

Fafone, V., see Coccia, E. . . . 366 (1995) 395
Fagg, L.W., see Lüttge, C. . . . 366 (1995) 325
Farhi, L., see Tomasi-Gustafsson, E. . . . 366 (1995) 96
Fernow, R.C., see Palmer, R.B. . . . 366 (1995) 1
Feroci, M., see Costa, E. . . . 366 (1995) 161
Fiandrini, E., see Braunschweig, W. . . . 366 (1995) 236
Finn, R., see Bui, V. . . . 366 (1995) 415
Fischer, J., see Palmer, R.B. . . . 366 (1995) 1
Francesconi, L., see Bui, V. . . . 366 (1995) 415
Franěk, B., see Průchová, H. . . . 366 (1995) 385
Fujii, Y., K. Ishii, Y. Kakiguchi, K. Kawagoe, I. Nakamura, M. Nozaki, H. Takeda, T. Takeshita, Y. Yamaoka and C. Yokoyama, Tests of photon-detection devices in strong magnetic fields . . . 366 (1995) 71
Fujii, Y., T. Oshima, J. Shirai, Y. Sugimoto, Y. Yasu and M. Harada, Test of 2 mm-thick TOF scintillation counters . . . 366 (1995) 282
Fukui, T., see Abe, K. . . . 366 (1995) 310
Fukunaga, C., see Matsushita, T. . . . 366 (1995) 366

Gabathuler, E., see Biagi, S.F. 366 (1995) 76
Gál, J., G. Hegyesi, G. Kalinka, B.M. Nyakó, G.E. Perez. A. Kerek and A. Johnson, Realization of charge sensitive preamplifiers using current feedback operational amplifier 366 (1995) 145
Gál, J., G. Kalinka, B.M. Nyakó, G.E. Perez, Z. Máté, G. Hegyesi, T. Vass, A. Kerek and A. Johnson, Particle discriminator for the identification of light charged particles with CsI(Tl) scintillator + PIN photodiode detector 366 (1995) 120
Gallardo, J.C., see Palmer, R.B. 366 (1995) 1
Gallo, A., see De Santis, S. 366 (1995) 53
Garmire, G.P., see Kraft, R.P. 366 (1995) 192
Gerosa, G., see De Santis, S. 366 (1995) 53
Gingu, C., see Braunschweig, W. 366 (1995) 236
Glashausser, C., see Tomasi-Gustafsson, E. 366 (1995) 96
Graulich, J.S., see Michotte, C. 366 (1995) 155

Harada, M., see Fujii, Y. 366 (1995) 282
Hauffe, J., W. Eyrich, M. Kirsch, M. Moosburger and F. Stinzing, Annealing of silicon strip detectors after irradiation 366 (1995) 79
Hegyesi, G., see Gál, J. 366 (1995) 120
Hegyesi, G., see Gál, J. 366 (1995) 145
Hellborg, R., see Wiebert, A. 366 (1995) 17
Hennino, T., see Tomasi-Gustafsson, E. 366 (1995) 96
Herrmannsfeldt, W., see Palmer, R.B. 366 (1995) 1
Higashioka, W., see Abe, K. 366 (1995) 310
Hirakawa, N., see Baba, M. 366 (1995) 354
Hoffman, E.J., see Patt, B.E. 366 (1995) 173
Hofmann, C., see Lüttge, C. 366 (1995) 325
Hofsäss, H.C., see Coakley, K.J. 366 (1995) 137
Horiuchi, N., T. Sato and E. Kobayashi, A novel gamma dosimeter applied a modified coherent demodulation technique 366 (1995) 403
Horn, J., see Lüttge, C. 366 (1995) 325
Hoshi, Y., see Abe, K. 366 (1995) 310
Hou, S.R., see Braunschweig, W. 366 (1995) 236
Hsieh, F., see Adams, M. 366 (1995) 263
Hsieh, F., see Lincoln, D. 366 (1995) 278
Hsu, I.C. and W.S. Trzeciak, Measurement of injection energy mismatch in circular accelerators using rf capture efficiency observations 366 (1995) 23
Huang, K.T., see Braunschweig, W. 366 (1995) 236
Hungerford, E.V., see Tang, L. 366 (1995) 259

Igarashi, R., see Vogt, J.M. 366 (1995) 100
Iinuma, M., see Maekawa, T. 366 (1995) 115
Ikeda, H., see Matsushita, T. 366 (1995) 366
Ionica, M., see Braunschweig, W. 366 (1995) 236
Ishii, K., see Fujii, Y. 366 (1995) 71
Ishikawa, M., see Baba, M. 366 (1995) 354
Itoh, R., see Aoki, M. 366 (1995) 85
Iwanczyk, J.S., see Patt, B.E. 366 (1995) 173
Iwasaki, H., see Abe, K. 366 (1995) 310

Jaeckle, V., see Tomasi-Gustafsson, E. 366 (1995) 96
Jeansson, J., see Carlé, P. 366 (1995) 31
Johnson, A., see Gál, J. 366 (1995) 120
Johnson, A., see Gál, J. 366 (1995) 145
Jones, M.K., see Tomasi-Gustafsson, E. 366 (1995) 96
Jones, T.J., see Biagi, S.F. 366 (1995) 76
Joseph, A., see Skakkeeb, P.P. 366 (1995) 320
Jourdain, J.C., see Tomasi-Gustafsson, E. 366 (1995) 96

Kabe, S., see Abe, K. 366 (1995) 310
Kakiguchi, Y., see Fujii, Y. 366 (1995) 71
Kalinka, G., see Gál, J. 366 (1995) 120
Kalinka, G., see Gál, J. 366 (1995) 145
Kawagoe, K., see Fujii, Y. 366 (1995) 71

Kawasaki, H., see Abe, K. . . . 366 (1995) 310
Keeter, K.J., see Vogt, J.M. . . . 366 (1995) 100
Kerek, A., see Gál, J. . . . 366 (1995) 120
Kerek, A., see Gál, J. . . . 366 (1995) 145
Khalatyan, N., see Abe, K. . . . 366 (1995) 310
Kikuchi, R., see Abe, K. . . . 366 (1995) 310
Kim, M.S., see Bak, H.I. . . . 366 (1995) 332
Kimura, A., see Abe, K. . . . 366 (1995) 310
Kimura, M., see Abe, K. . . . 366 (1995) 310
Kiourkos, S., see Biagi, S.F. . . . 366 (1995) 76
Kirk, H.G., see Palmer, R.B. . . . 366 (1995) 1
Kirsch, M., see Hauffe, J. . . . 366 (1995) 79
Kobayashi, E., see Horiuchi, N. . . . 366 (1995) 403
Kraft, R.P., J.A. Nousek, D.H. Lumb, D.N. Burrows, M.A. Skinner and G.P. Garmire, Measuring the soft X-ray quantum efficiency of charge-coupled devices using continuum synchrotron radiation . . . 366 (1995) 192
Kramer, S.L., see Biscardi, R. . . . 366 (1995) 26
Kunne, R., see Tomasi-Gustafsson, E. . . . 366 (1995) 96
Kwok, H.L., L. Chen and A. Antoniou, Detector charge-sensing using an integrated GaAs operational amplifier . . . 366 (1995) 372

Ladygin, V.P., see Tomasi-Gustafsson, E. . . . 366 (1995) 96
Lamanna, G., see Barbashin, V.M. . . . 366 (1995) 215
Lamaze, G.P., see Coakley, K.J. . . . 366 (1995) 137
Laricia, P., see Braunschweig, W. . . . 366 (1995) 236
Lau, K. and J. Pyrlik, Optimization of centroid-finding algorithms for cathode strip chambers . . . 366 (1995) 298
Laurikainen, P., see Braunschweig, W. . . . 366 (1995) 236
Lednev, A.A., Electron shower transverse profile measurement . . . 366 (1995) 292
Leleux, P., see Michotte, C. . . . 366 (1995) 155
Lenisa, P., see Barbashin, V.M. . . . 366 (1995) 215
Levin, C.S., see Patt, B.E. . . . 366 (1995) 173
Li, H., see Adams, M. . . . 366 (1995) 263
Li, H., see Lincoln, D. . . . 366 (1995) 278
Lin, W.T., see Braunschweig, W. . . . 366 (1995) 236
Lincoln, D., F. Hsieh and H. Li, On understanding crosstalk in the face of small, quantized, signals highly smeared by Poisson statistics . . . 366 (1995) 278
Lincoln, D., see Adams, M. . . . 366 (1995) 263
Lipnik, P., see Michotte, C. . . . 366 (1995) 155
Lu, C., Z. Cheng, K.T. McDonald, D.R. Marlow, E.J. Prebys and R.L. Wixted, Characterization of CsI photocathodes for use in a fast RICH detector . . . 366 (1995) 60
Lubatti, H., see Abe, K. . . . 366 (1995) 310
Lumb, D.H., see Kraft, R.P. . . . 366 (1995) 192
Lüttge, C., C. Hofmann, J. Horn, F. Neumeyer, A. Richter, G. Schrieder, E. Spamer, A. Stiller, D.I. Sober, S.K. Matthews and L.W. Fagg, Large-aperture system for high-resolution 180° electron scattering . . . 366 (1995) 325

Maekawa, T., Y. Takahashi, H.M. Shimizu, M. Iinuma, A. Masaike and T. Yabuzaki, A large nuclear polarization of ^{139}La in Nd^{3+}: $LaAlO_3$ for testing the time reversal invariance . . . 366 (1995) 115
Marcellini, F., see De Santis, S. . . . 366 (1995) 53
Mares, V. and H. Schraube, Improved response matrices of Bonner sphere spectrometers with ^{6}LiI scintillation detector and ^{3}He proportional counter between 15 and 100 MeV . . . 366 (1995) 203
Margulies, S., see Adams, M. . . . 366 (1995) 263
Marlow, D.R., see Lu, C. . . . 366 (1995) 60
Marsh, J.W., D.J. Thomas and M. Burke, High resolution measurements of neutron energy spectra from Am–Be and Am–B neutron sources . . . 366 (1995) 340
Masaike, A., see Maekawa, T. . . . 366 (1995) 115
Máté, Z., see Gál, J. . . . 366 (1995) 120
Matsushita, T., C. Fukunaga, H. Ikeda and Y. Saitoh, Total-dose effects of γ-ray irradiation on SOI-MOS transistors 366 (1995) 366
Matsuyama, S., see Baba, M. . . . 366 (1995) 354
Matt, G., see Costa, E. . . . 366 (1995) 161
Matthews, S.K., see Lüttge, C. . . . 366 (1995) 325
McCarthy, K.J., see Owens, A. . . . 366 (1995) 148
McDonald, K.T., see Lu, C. . . . 366 (1995) 60

Michotte, C., J.S. Graulich, T. Delbar, P. Leleux and P. Lipnik, STAR, a Solenoid and Telescope for Astrophysical Research . . . 366 (1995) 155
Migliorati, M., see De Santis, S. . . . 366 (1995) 53
Miller, R., see Palmer, R.B. . . . 366 (1995) 1
Mitsuhashi, K., see Abe, K. . . . 366 (1995) 310
Miyahara, Y., Parametric resonance of trapped ions in electron storage rings . . . 366 (1995) 221
Mizogawa, T., M. Sato and Y. Awaya, Application of the "MBWC" two-dimensional position readout technique to a multiwire proportional counter . . . 366 (1995) 129
Moosburger, M., see Hauffe, J. . . . 366 (1995) 79
Mori, S., see Abe, K. . . . 366 (1995) 310
Morlet, M., see Tomasi-Gustafsson, E. . . . 366 (1995) 96
Morsch, P., see Tomasi-Gustafsson, E. . . . 366 (1995) 96
Mouris, J.F., see Ebrahim, N.A. . . . 366 (1995) 207

Nagamine, T., see Abe, K. . . . 366 (1995) 310
Nakamura, I., see Fujii, Y. . . . 366 (1995) 71
Neal, H., see Adams, M. . . . 366 (1995) 263
Neis, E., see Adams, M. . . . 366 (1995) 263
Neumeyer, F., see Lüttge, C. . . . 366 (1995) 325
Nilsson, A., see Carlé, P. . . . 366 (1995) 31
Nomachi, M., see Abe, K. . . . 366 (1995) 310
Nousek, J.A., see Kraft, R.P. . . . 366 (1995) 192
Novikov, V.M., A method for monitoring of Gd concentration in Gd-loaded scintillators . . . 366 (1995) 413
Nozaki, M., see Fujii, Y. . . . 366 (1995) 71
Nyakó, B.M., see Gál, J. . . . 366 (1995) 120
Nyakó, B.M., see Gál, J. . . . 366 (1995) 145

Oesch, L., see Adams, M. . . . 366 (1995) 263
Ohyama, H., see Abe, K. . . . 366 (1995) 310
Olariu, S., Hypervelocity-impact ignition of nuclear fusion reactions in laser-compressed deuterium–tritium pellets . . . 366 (1995) 376
Orava, R., see Braunschweig, W. . . . 366 (1995) 236
Oshima, T., see Fujii, Y. . . . 366 (1995) 282
Ostonen, R., see Braunschweig, W. . . . 366 (1995) 236
Ottonello, P., V. Palestini, G.A. Rottigni, G. Zanella and R. Zannoni, Slow neutron beam diagnostics with a scintillating fiber detector . . . 366 (1995) 248
Owens, A. and K.J. McCarthy, Energy deposition in X-ray CCDs and charged particle discrimination . . . 366 (1995) 148
Ozaki, H., see Aoki, M. . . . 366 (1995) 85

Palestini, V., see Ottonello, P. . . . 366 (1995) 248
Palmer, R.B., R.C. Fernow, J. Fischer, J.C. Gallardo, H.G. Kirk, S. Ulc, H. Wang, Y. Zhao, K. Eppley, W. Herrmannsfeldt, R. Miller and D. Yu, The cluster klystron demonstration experiment . . . 366 (1995) 1
Palumbo, L., see De Santis, S. . . . 366 (1995) 53
Parkhomchuk, V.V., see Barbashin, V.M. . . . 366 (1995) 215
Patt, B.E., J.S. Iwanczyk, M.P. Tornai, C.S. Levin and E.J. Hoffman, Development of a mercuric iodide detector array for medical imaging applications . . . 366 (1995) 173
Pepelnik, R., see Agrawal, H.M. . . . 366 (1995) 349
Perdrisat, C.F., see Tomasi-Gustafsson, E. . . . 366 (1995) 96
Perez, G.E., see Gál, J. . . . 366 (1995) 120
Perez, G.E., see Gál, J. . . . 366 (1995) 145
Perregrini, L., see De Santis, S. . . . 366 (1995) 53
Pevsner, A., see Braunschweig, W. . . . 366 (1995) 236
Piskunov, N.M., see Tomasi-Gustafsson, E. . . . 366 (1995) 96
Plouin, F., see Tomasi-Gustafsson, E. . . . 366 (1995) 96
Prebys, E.J., see Lu, C. . . . 366 (1995) 60
Průchová, H. and B. Franěk, Monte Carlo studies of electron avalanches in microdosimetric proportional counters . . . 366 (1995) 385
Punjabi, V., see Tomasi-Gustafsson, E. . . . 366 (1995) 96
Pyrlik, J., see Lau, K. . . . 366 (1995) 298

Qian, J., see Adams, M. . . . 366 (1995) 263

Ramirez, G., see Biscardi, R. . . . 366 (1995) 26
Ramstein, B., see Tomasi-Gustafsson, E. . . . 366 (1995) 96
Rapisarda, M., see Costa, E. . . . 366 (1995) 161
Ratel, G., Activity concentration of a solution of ^{125}I: results of an international comparison . . . 366 (1995) 183
Richter, A., see Lüttge, C. . . . 366 (1995) 325
Rijssenbeek, M., see Adams, M. . . . 366 (1995) 263
Ronning, C., see Coakley, K.J. . . . 366 (1995) 137
Rosier, L.H., see Tomasi-Gustafsson, E. . . . 366 (1995) 96
Rottigni, G.A., see Ottonello, P. . . . 366 (1995) 248
Roy-Stephan, M., see Tomasi-Gustafsson, E. . . . 366 (1995) 96

Saitoh, Y., see Matsushita, T. . . . 366 (1995) 366
Sakamoto, H., see Abe, K. . . . 366 (1995) 310
Sakase, T., see Baba, M. . . . 366 (1995) 354
Sasaki, O., see Abe, K. . . . 366 (1995) 310
Sato, M., see Mizogawa, T. . . . 366 (1995) 129
Sato, T., see Horiuchi, N. . . . 366 (1995) 403
Schlyer, D., see Bui, V. . . . 366 (1995) 415
Schraube, H., see Mares, V. . . . 366 (1995) 203
Schrieder, G., see Lüttge, C. . . . 366 (1995) 325
Sharapa, A.N., see Barbashin, V.M. . . . 366 (1995) 215
Sheh, Y., see Bui, V. . . . 366 (1995) 415
Shemyakin, A.V., see Barbashin, V.M. . . . 366 (1995) 215
Shimizu, H.M., see Maekawa, T. . . . 366 (1995) 115
Shioden, M., see Abe, K. . . . 366 (1995) 310
Shirai, J., see Fujii, Y. . . . 366 (1995) 282
Sitnik, I.M., see Tomasi-Gustafsson, E. . . . 366 (1995) 96
Skakkeeb, P.P., A. Joseph, A.M. Vinodkumar, K.M. Varier and B.R.S. Babu, Gas amplification in isobutane and P10 filled gas counters . . . 366 (1995) 320
Skinner, M.A., see Kraft, R.P. . . . 366 (1995) 192
Skog, G., see Wiebert, A. . . . 366 (1995) 17
Sober, D.I., see Lüttge, C. . . . 366 (1995) 325
Spamer, E., see Lüttge, C. . . . 366 (1995) 325
Spangler, W., see Braunschweig, W. . . . 366 (1995) 236
Spataro, B., see De Santis, S. . . . 366 (1995) 53
Spatiotis, K., see Braunschweig, W. . . . 366 (1995) 236
Specka, A.E., see Bernard, D. . . . 366 (1995) 43
Stenström, K., see Wiebert, A. . . . 366 (1995) 17
Stiller, A., see Lüttge, C. . . . 366 (1995) 325
Stinzing, F., see Hauffe, J. . . . 366 (1995) 79
Strokovsky, E.A., see Tomasi-Gustafsson, E. . . . 366 (1995) 96
Suekane, F., see Abe, K. . . . 366 (1995) 310
Sugimoto, Y., see Fujii, Y. . . . 366 (1995) 282
Syben, O., see Braunschweig, W. . . . 366 (1995) 236

Tahara, Y., see Abe, K. . . . 366 (1995) 310
Takahashi, Y., see Maekawa, T. . . . 366 (1995) 115
Takeda, H., see Fujii, Y. . . . 366 (1995) 71
Takeshita, T., see Fujii, Y. . . . 366 (1995) 71
Tang, L., C. Yan and E.V. Hungerford, Systematic resolution study of the CEBAF Hall C spectrometers – HMS and SOS . . . 366 (1995) 259
Tecchio, L., see Barbashin, V.M. . . . 366 (1995) 215
Tenbusch, F., see Braunschweig, W. . . . 366 (1995) 236
Terada, S., see Abe, K. . . . 366 (1995) 310
Thomas, D.J., see Marsh, J.W. . . . 366 (1995) 340
Toker, O., see Braunschweig, W. . . . 366 (1995) 236
Tomasi-Gustafsson, E., V.P. Ladygin, M. Boivin, J.L. Boyard, V. Jaeckle, P. Morsch, R. Kunne, F. Plouin, R. Wurzinger, L. Bimbot, C. Djalali, L. Farhi, T. Hennino, J.C. Jourdain, M. Morlet, B. Ramstein, L.H. Rosier, M. Roy-Stephan, J. Van de Wiele, M.K. Jones, C.F. Perdrisat, V. Punjabi, C. Glashausser, N.M. Piskunov, I.M. Sitnik and E.A. Strokovsky, Calibration of the polarimeter POMME with polarized deuterons at 1.8 GeV . . . 366 (1995) 96

Toporowsky, M., see Braunschweig, W. 366 (1995) 236
Tornai, M.P., see Patt, B.E. 366 (1995) 173
Trzeciak, W.S., see Hsu, I.C. 366 (1995) 23

Ulc, S., see Palmer, R.B. 366 (1995) 1

Van de Wiele, J., see Tomasi-Gustafsson, E. 366 (1995) 96
Varier, K.M., see Skakkeeb, P.P. 366 (1995) 320
Vass, T., see Gál, J. 366 (1995) 120
Vinodkumar, A.M., see Skakkeeb, P.P. 366 (1995) 320
Vogt, J.M., J.C. Bergstrom, R. Igarashi and K.J. Keeter, Igloo: a neutral pion spectrometer for low energy photoproduction studies 366 (1995) 100

Wang, H., see Palmer, R.B. 366 (1995) 1
Watanabe, K., see Aoki, M. 366 (1995) 85
Watanabe, Y., see Aoki, M. 366 (1995) 85
Wiebert, A., B. Erlandsson, R. Hellborg, K. Stenström and G. Skog, The transmission of a carbon beam through a tandem accelerator 366 (1995) 17
Wieland, B., see Bui, V. 366 (1995) 415
Wittmer, B., see Braunschweig, W. 366 (1995) 236
Wixted, R.L., see Lu, C. 366 (1995) 60
Wurzinger, R., see Tomasi-Gustafsson, E. 366 (1995) 96

Yabuzaki, T., see Maekawa, T. 366 (1995) 115
Yajima, J., see Abe, K. 366 (1995) 310
Yamaoka, Y., see Fujii, Y. 366 (1995) 71
Yan, C., see Tang, L. 366 (1995) 259
Yasu, Y., see Fujii, Y. 366 (1995) 282
Yasuda, T., see Adams, M. 366 (1995) 263
Yokoyama, C., see Fujii, Y. 366 (1995) 71
Yu, D., see Palmer, R.B. 366 (1995) 1
Yuta, H., see Abe, K. 366 (1995) 310

Zanella, G., see Ottonello, P. 366 (1995) 248
Zannoni, R., see Ottonello, P. 366 (1995) 248
Zhao, T., see Abe, K. 366 (1995) 310
Zhao, Y., see Palmer, R.B. 366 (1995) 1

Nuclear Instruments and Methods in Physics Research A 366 (1995) 425–427

ELSEVIER

NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH Section A

Subject index

Accelerators, Beam Handling and Targets

The cluster klystron demonstration experiment, R.B. Palmer, R.C. Fernow, J. Fischer, J.C. Gallardo, H.G. Kirk, S. Ulc, H. Wang, Y. Zhao, K. Eppley, W. Herrmannsfeldt, R. Miller and D. Yu 366 (1995) 1
The transmission of a carbon beam through a tandem accelerator, A. Wiebert, B. Erlandsson, R. Hellborg, K. Stenström and G. Skog 366 (1995) 17
Measurement of injection energy mismatch in circular accelerators using rf capture efficiency observations, I.C. Hsu and W.S. Trzeciak 366 (1995) 23
Bunch length control in the NSLS VUV ring, R. Biscardi, S.L. Kramer and G. Ramirez 366 (1995) 26
Magnet alignment and survey in CRYRING, P. Carlé, J. Jeansson and A. Nilsson 366 (1995) 31
On triple focusing dipole magnets, D. Bernard and A.E. Specka 366 (1995) 43
Evaluation of the beam-coupling impedances of the DAΦNE cavity: numerical and analytical results, S. De Santis, G. Gerosa, L. Palumbo, P. Arcioni, L. Perregrini, R. Boni, A. Gallo, F. Marcellini, M. Migliorati and B. Spataro . 366 (1995) 53
A short-pulse electron linear accelerator for laser driven particle acceleration research, N.A. Ebrahim, R.W. Davis and J.F. Mouris 366 (1995) 207
Prototype of an electron cooling device without bending magnets, V.M. Barbashin, S.N. Chumakov, G. Ciullo, N.S. Dikansky, G. Lamanna, P. Lenisa, V.V. Parkhomchuk, A.N. Sharapa, A.V. Shemyakin and L. Tecchio 366 (1995) 215
Parametric resonance of trapped ions in electron storage rings, Y. Miyahara 366 (1995) 221
Beam test results on Si and GaAs microstrip detectors with length up to 64 cm, W. Braunschweig, O. Syben, M. Toporowsky, F. Tenbusch, B. Wittmer, O. Adriani, C. Balboni, G. Castellini, T. Antičić, C.-Y. Chien, A. Pevsner, W. Spangler, Y.-H. Chang, A.E. Chen, S.R. Hou, K.T. Huang, W.T. Lin, B. Alpat, R. Battiston, E. Fiandrini, C. Gingu, M. Ionica, P. Laricia, O. Toker, P. Laurikainen, R. Orava, R. Ostonen and K. Spatiotis 366 (1995) 236
Slow neutron beam diagnostics with a scintillating fiber detector, P. Ottonello, V. Palestini, G.A. Rottigni, G. Zanella and R. Zannoni 366 (1995) 248
Peculiarities of the nucleus-internal target interaction at the Nuclotron, A.S. Artiomov 366 (1995) 254

High Energy Physics Detectors

Characterization of CsI photocathodes for use in a fast RICH detector, C. Lu, Z. Cheng, K.T. McDonald, D.R. Marlow, E.J. Prebys and R.L. Wixted 366 (1995) 60
Tests of photon-detection devices in strong magnetic fields, Y. Fujii, K. Ishii, Y. Kakiguchi, K. Kawagoe, I. Nakamura, M. Nozaki, H. Takeda, T. Takeshita, Y. Yamaoka and C. Yokoyama 366 (1995) 71
First experimental results from a microdot gas avalanche detector integrated onto a silicon wafer, S.F. Biagi, J. Bordas, D. Duxbury, E. Gabathuler, T.J. Jones and S. Kiourkos 366 (1995) 76
Annealing of silicon strip detectors after irradiation, J. Hauffe, W. Eyrich, M. Kirsch, M. Moosburger and F. Stinzing 366 (1995) 79
Systematic resolution study of the CEBAF Hall C spectrometers – HMS and SOS, L. Tang, C. Yan and E.V. Hungerford 366 (1995) 259
A detailed study of plastic scintillating strips with axial wavelength shifting fiber and VLPC readout, M. Adams, N. Amos, D.A. Averill, P. Baringer, M. Chung, F. Hsieh, H. Li, D. Lincoln, S. Margulies, h. Neal, E. Neis, L. Oesch, J. Qian, M. Rijssenbeek and T. Yasuda 366 (1995) 263
On understanding crosstalk in the face of small, quantized, signals highly smeared by Poisson statistics, D. Lincoln, F. Hsieh and H. Li 366 (1995) 278
Test of 2 mm-thick TOF scintillation counters, Y. Fujii, T. Oshima, J. Shirai, Y. Sugimoto, Y. Yasu and M. Harada . . 366 (1995) 282
Electron shower transverse profile measurement, A.A. Lednev 366 (1995) 292
Optimization of centroid-finding algorithms for cathode strip chambers, K. Lau and J. Pyrlik 366 (1995) 298
Heat enhancement of the photoyield from CsI, NaI and CuI photocathodes (*Letter to the Editor*), A. Buzulutskov, A. Breskin and R. Chechik 366 (1995) 410

High Energy Physics Systems

Sensitivity to the CP-violation parameter ϕ_2 at a B factory, M. Aoki, K. Watanabe, Y. Watanabe, R. Itoh and H. Ozaki 366 (1995) 85

0168-9002/95/$09.50 © 1995 Elsevier Science B.V. All rights reserved

Calibration of the polarimeter POMME with polarized deuterons at 1.8 GeV, E. Tomasi-Gustafsson, V.P. Ladygin, M. Boivin, J.L. Boyard, V. Jaeckle, P. Morsch, R. Kunne, F. Plouin, R. Wurzinger, L. Bimbot, C. Djalali, L. Farhi, T. Hennino, J.C. Jourdain, M. Morlet, B. Ramstein, L.H. Rosier, M. Roy-Stephan, J. Van de Wiele, M.K. Jones, C.F. Perdrisat, V. Punjabi, C. Glashausser, N.M. Piskunov, I.M. Sitnik and E.A. Strokovsky 366 (1995) 96
Beam tests of the prototype level-1 trigger system and drift tubes with field-shapers proposed for the SDC barrel muon system, K. Abe, M. Abe, H. Akaishi, Y. Arai, M. Asai, Y. Asano, A. Ebata, T. Fukui, W. Higashioka, Y. Hoshi, H. Iwasaki, S. Kabe, N. Khalatyan, H. Kawasaki, R. Kikuchi, A. Kimura, M. Kimura, H. Lubatti, K. Mitsuhashi, S. Mori, T. Nagamine, M. Nomachi, H. Ohyama, H. Sakamoto, O. Sasaki, M. Shioden, F. Suekane, Y. Tahara, S. Terada, J. Yajima, H. Yuta and T. Zhao 366 (1995) 310
A method for monitoring of Gd concentration in Gd-loaded scintillators (*Letter to the Editor*), V.M. Novikov 366 (1995) 413

Instruments and Methods for Nuclear Spectroscopy

Igloo: a neutral pion spectrometer for low energy photoproduction studies, J.M. Vogt, J.C. Bergstrom, R. Igarashi and K.J. Keeter 366 (1995) 100
A large nuclear polarization of ^{139}La in Nd^{3+}: $LaAlO_3$ for testing the time reversal invariance, T. Maekawa, Y. Takahashi, H.M. Shimizu, M. Iinuma, A. Masaike and T. Yabuzaki 366 (1995) 115
Particle discriminator for the identification of light charged particles with CsI(Tl) scintillator + PIN photodiode detector, J. Gál, G. Kalinka, B.M. Nyakó, G.E. Perez, Z. Máté, G. Hegyesi, T. Vass, A. Kerek and A. Johnson . . 366 (1995) 120
Application of the "MBWC" two-dimensional position readout technique to a multiwire proportional counter, T. Mizogawa, M. Sato and Y. Awaya 366 (1995) 129
Gas amplification in isobutane and P10 filled gas counters, P.P. Skakkeeb, A. Joseph, A.M. Vinodkumar, K.M. Varier and B.R.S. Babu 366 (1995) 320
Large-aperture system for high-resolution 180° electron scattering, C. Lüttge, C. Hofmann, J. Horn, F. Neumeyer, A. Richter, G. Schrieder, E. Spamer, A. Stiller, D.I. Sober, S.K. Matthews and L.W. Fagg 366 (1995) 325
Peak energy shift dependent on source position in γ-ray energy measurement by using a closed-ended coaxial HPGe detector, H.I. Bak, Y.D. Bae, M.S. Kim and H.D. Choi 366 (1995) 332

Neutron Physics

Modeling detector response for neutron depth profiling, K.J. Coakley, R.G. Downing, G.P. Lamaze, H.C. Hofsäss, J. Biegel and C. Ronning 366 (1995) 137
High resolution measurements of neutron energy spectra from Am–Be and Am–B neutron sources, J.W. Marsh, D.J. Thomas and M. Burke 366 (1995) 340
Determination of the mean neutron energy using the Zr/Nb and the Ni method, H.M. Agrawal and R. Pepelnik . . . 366 (1995) 349
Correction of double-differential neutron emission data for sample-dependent effects, M. Baba, S. Matsuyama, M. Ishikawa, S. Chiba, T. Sakase and N. Hirakawa 366 (1995) 354
Improved response matrices of Bonner sphere spectrometers with ^{6}LiI scintillation detector and ^{3}He proportional counter between 15 and 100 MeV (*Letter to the Editor*), V. Mares and H. Schraube 366 (1995) 203

Electronics

Realization of charge sensitive preamplifiers using current feedback operational amplifier, J. Gál, G. Hegyesi, G. Kalinka, B.M. Nyakó, G.E. Perez, A. Kerek and A. Johnson 366 (1995) 145
Total-dose effects of γ-ray irradiation on SOI-MOS transistors, T. Matsushita, C. Fukunaga, H. Ikeda and Y. Saitoh . 366 (1995) 366
Detector charge-sensing using an integrated GaAs operational amplifier, H.L. Kwok, L. Chen and A. Antoniou . . . 366 (1995) 372

Fission, Fusion, Spallation and Heavy Ions

Hypervelocity-impact ignition of nuclear fusion reactions in laser-compressed deuterium–tritium pellets, S. Olariu 366 (1995) 376

Dosimetry, Space Radiation and Medical Applications

Energy deposition in X-ray CCDs and charged particle discrimination, A. Owens and K.J. McCarthy 366 (1995) 148
STAR, a Solenoid and Telescope for Astrophysical Research, C. Michotte, J.S. Graulich, T. Delbar, P. Leleux and P. Lipnik 366 (1995) 155

Design of a scattering polarimeter for hard X-ray astronomy, E. Costa, M.N. Cinti, M. Feroci, G. Matt and M. Rapisarda 366 (1995) 161
Development of a mercuric iodide detector array for medical imaging applications, B.E. Patt, J.S. Iwanczyk, M.P. Tornai, C.S. Levin and E.J. Hoffman 366 (1995) 173
Activity concentration of a solution of ^{125}I: results of an international comparison, G. Ratel 366 (1995) 183
Monte Carlo studies of electron avalanches in microdosimetric proportional counters, H. Průchová and B. Franěk . . 366 (1995) 385
Noise attenuators for gravitational wave experiments, E. Coccia and V. Fafone 366 (1995) 395
A novel gamma dosimeter applied a modified coherent demodulation technique, N. Horiuchi, T. Sato and E. Kobayashi 366 (1995) 403
Electroplated targets for production of unique PET radionuclides Electroplated targets for production of unique PET radionuclides (*Letter to the Editor*), V. Bui, Y. Sheh, R. Finn, L. Francesconi, S. Cai, D. Schlyer and B. Wieland 366 (1995) 415

Synchrotron Radiation Research

Measuring the soft X-ray quantum efficiency of charge-coupled devices using continuum synchrotron radiation, R.P. Kraft, J.A. Nousek, D.H. Lumb, D.N. Burrows, M.A. Skinner and G.P. Garmire 366 (1995) 192
Electroplated targets for production of unique PET radionuclides, V. Bui, Y. Sheh, R. Finn, L. Francesconi, S. Cai, D. Schlyer and B. Wieland 366 (1995) 415

Letters to the Editor

Improved response matrices of Bonner sphere spectrometers with ^{6}LiI scintillation detector and ^{3}He proportional counter between 15 and 100 MeV, V. Mares and H. Schraube 366 (1995) 203
Heat enhancement of the photoyield from CsI, NaI and CuI photocathodes, A. Buzulutskov, A. Breskin and R. Chechik 366 (1995) 410
A method for monitoring of Gd concentration in Gd-loaded scintillators, V.M. Novikov 366 (1995) 413
Electroplated targets for production of unique PET radionuclides, V. Bui, Y. Sheh, R. Finn, L. Francesconi, S. Cai, D. Schlyer and B. Wieland 366 (1995) 415